Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 30 Jan 2021 until 23:59 on Sunday 31 Jan 2021

Forecast Issued on Saturday 30 Jan 2021 at 01:26

Confidence: High for overall developments, becoming medium from Monday, but lower confidence for amounts of snow over the weekend.

Headline for Saturday 30 Jan 2021: Mostly cloudy with perhaps a little snow through the morning, but dry in afternoon and becoming brighter. Cold.

Mountain weather hazards on Saturday 30 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Light snow	Light snow	Cloudy	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
40%	40%	30%	20%	<05%	<05%

Forecast for Saturday 30 Jan 2021

Weather: Cloudy through Saturday morning with perhaps a little snow, but becoming dry in the afternoon and perhaps brighter. Cloud breaking in evening with a sharp frost and icy conditions.

Chance of cloud free mountain/hill tops above 600m: 40%, with areas of cloud down to 600m, but lower cloud bases in any snow. 90% or better chance in evening as cloud breaks up.

Visibility: Moderate to good, with a haze in air at first, but poor or very poor in any snow and in low cloud covering hills. Becoming very good in afternoon.

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Mountain Weather Forecast

Forecast for Saturday 30 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	30/37 E	32/41 E	33/43 E	31/41 E	28/38 E	23/32 E	20/30 E
300	28/40 E	28/41 E	27/39 E	26/38 E	23/34 NE	17/28 NE	14/24 E
Valley	22/42 E	22/43 E	22/43 E	21/42 E	17/37 E	13/31 E	10/26 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-10	-2/-11	-2/-10	-1/-10	-2/-11	-3/-11	-3/-10
300	1/-6	1/-6	1/-6	1/-6	1/-6	-0/-6	-0/-6
Valley	2/-4	2/-5	2/-4	2/-4	1/-5	0/-5	-0/-5
Freezing Level*	300m	300m	300m	300m	200m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A significant chill should be expected.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 30 Jan 2021	3.2mm	27.4mm	38.4mm

Forecast for Sunday 31 Jan 2021

Weather: Dry, cold, but sunny start, with high cloud spreading over the area during the morning. Cloud thickening and lowering in afternoon with risk of a little snow later in the evening. Very cold with a significant chill.

Maximum wind: East or southeast 15 mph increasing 25 gust 35mph in morning, but decreasing 15-20mph later

Chance of cloud free mountain/hill tops above 600m: 90% for the bulk of daylight hours, with cloud above tops, but 30% later in the evening with more extensive cloud down to 600m, but possibly 450m in any snow.

Visibility: Good or very good, becoming hazier late afternoon and moderate or poor in any snow later

Temperature: **Valleys:** Minus 2 C rising to plus 1 or 2 C
At 600m: Minus 4 C
Freezing level: All levels, but 200 to 300m later

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